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**Complete if Known**

Application Number	10/050,129
Filing Date	January 18, 2002
First Named Inventor	Michael J. GRAZIANO, et al.
Group Art Unit	2642-2637
Examiner Name	Unassigned Young Tse

Attorney Docket Number

56162.000337

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	U	5,363,321		Dao Trong et al.	11/08/94	
	U	5,524,089		Takano	06/04/96	
	U	5,570,310		Smith	10/29/96	
	U	5,600,581		Dworkin et al.	02/04/97	
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	U	5,940,312		Hansen	08/17/99	
	U1	5,941,939		Pan et al.	08/24/99	
	U1					
	U1					

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	P1	Haykin, Simon, <i>Communication Systems 4<sup>th</sup> Edition</i> , Wiley, 2001, page 436	
	P2	Brigham, E. Oran, <i>The Fast Fourier Transform and its Applications</i> , Prentice Hall, 1988, pgs 191-193	
	P3	Embree, Paul M. and Kimbel, Bruce, <i>C Language Algorithms for Digital Signal Processing</i> , Prentice Hall, 1991, pgs 255-256 and 266 and 267	
	P4	Haykin, Simon, <i>Adaptive Filter Theory 3<sup>rd</sup> Edition</i> , Prentice Hall, 1996, pgs 393-404	
	P5	Proakis, John G., Manolakis, Dimitris G., <i>Digital Signal Processing: Principles, Algorithms and Applications 3<sup>rd</sup> Edition</i> , Prentice Hall, 1996, pgs 23-28	
	P6	ITU Standard G.991.2, "Single Pair High Speed Digital Subscriber Line (SHDSL) Transceivers", April 2001, pgs 1-191, Irvine, California	
	P7	ITU Standard G.994.1, "Handshake Procedures for Digital Subscriber Line (DSL) Transceivers", June 1999, pgs 1-46, Geneva	
	P8	ANSI Standard HDSL2, "High Bit Rate Digital Subscriber Line-2 <sup>nd</sup> Generation (HDSL2)", February 21-25, 2000, pgs 1-94, Maui, HI	

Examiner Signature	<i>Young Sun</i>	Date Considered	3/14/05
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